

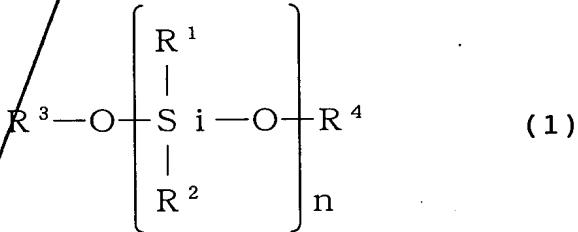
CLAIMS

1. An aromatic polycarbonate resin composition comprising:

100 parts by weight of a resin component (A) selected from the group consisting of an aromatic polycarbonate and a resin mixture of an aromatic polycarbonate and at least one organic polymer resin other than an aromatic polycarbonate, wherein said resin mixture has an aromatic polycarbonate content of 50 % by weight or more, and

0.1 to 100 parts by weight of at least one aromatic group-containing silicone compound (B),

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said at least one aromatic group-containing silicone compound (B) comprising a monomer, a polymer or a mixture thereof, which is represented by at least one formula selected from the group consisting of the following formulae (1) and (2):



wherein:

25 each of R¹ and R² independently represents a hydrogen atom or a monovalent C₁-C₂₀

hydrocarbon group;

each of R³ and R⁴ independently represents a hydrogen atom; a monovalent C₁-C₂₀ hydrocarbon group; a metal-containing monovalent group comprising a metal atom having bonded thereto at least one member selected from the group consisting of a hydrogen atom and monovalent C₁-C₂₀ hydrocarbon groups; or a divalent C₁-C₂₀ hydrocarbon group, wherein, when each of R³ and R⁴

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independently represents a divalent C₁-C₂₀ hydrocarbon group, R³ and R⁴ are bonded to each other to form a ring;

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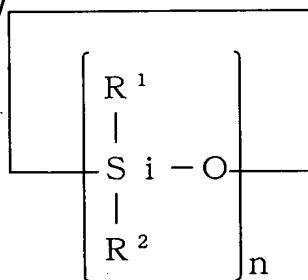
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at least one of R¹, R², R³ and R⁴ is a C₆-C₂₀ aromatic group having a valence according to the definition of R¹, R², R³ or R⁴; and

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n is 1 or more in terms of the number average n value, and

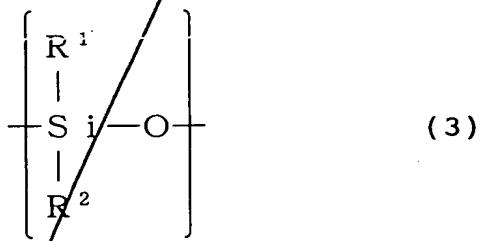
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wherein each of R^1 , R^2 and n is as defined for formula (1).

5 wherein, when said component (B) is a polymer represented by formula (1) or (2) wherein n is 2 or more in terms of the number average n value, the recurring units, each represented by the following formula (3):



wherein each of R^1 and R^2 is as defined for formula (1),

15 are the same or different, so that said polymer (B) is a homopolymer or a copolymer, wherein said copolymer has a random, a block or an alternating configuration,

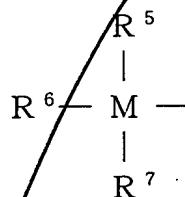
20 wherein, when each of R^1 and R^2 of formula (2) is a hydrogen atom or an aliphatic hydrocarbon group, at least a part of said component (B) is a compound represented by formula (1), and

25 wherein said component (B) contains said aromatic group in an amount of 5 to 100 mole %, based on the total molar amount of R^1 , R^2 , R^3 and R^4 .

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Not
permitted
must
have
aromatic

2. The polycarbonate resin composition according to claim 1, wherein said metal-containing monovalent group as at least one of R³ and R⁴ is represented by the formula:

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wherein M represents a tetravalent metal atom, and each of R⁵, R⁶ and R⁷ independently represents a hydrogen atom or a monovalent C₁-C₂₀ hydrocarbon group.

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10 3. The polycarbonate resin composition according to
15 claim 2, wherein M represents a silicon atom.

Not metal

20 4. The polycarbonate resin composition according to any one of claims 1 to 3, wherein said component (B) exhibits a kinematic viscosity of 100 centistokes or more as measured at 25 °C in accordance with JIS-K2410.

5. The polycarbonate resin composition according to any one of claims 1 to 3, wherein said component (B) comprises a mixture of:

25 a silicone compound containing said aromatic group

in an amount of from 5 to less than 50 mole %, based on the total molar amount of R¹, R², R³ and R⁴, and a silicone compound containing said aromatic group in an amount of 50 mole % or more, based on the total molar amount of R¹, R², R³ and R⁴.

6. The polycarbonate resin composition according to any one of claims 1 to 3, which further comprises 0.001 to 100 parts by weight of a flame retardant (C).

7. The polycarbonate resin composition according to claim 6, wherein said flame retardant (C) comprises at least one flame retardant selected from the group consisting of a metal salt flame retardant, a phosphorus-containing flame retardant, a nitrogen-containing flame retardant, a silicon-containing flame retardant other than said silicone compound (B), an inorganic flame retardant and a fibrous flame retardant.

8. The polycarbonate resin composition according to claim 7, wherein said fibrous flame retardant is at least one flame retardant selected from the group consisting of a fluorine-containing flame retardant and a glass fiber.

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9. The polycarbonate resin composition according to claim 7, wherein said metal salt flame retardant comprises a metal salt of an organic sulfur compound.

5 10. The polycarbonate resin composition according to claim 9, wherein said metal salt of an organic sulfur compound is an organic sulfonic acid metal salt.

10 11. The polycarbonate resin composition according to claim 7, wherein said metal salt flame retardant comprises an aromatic organic polymer containing a sulfonic acid metal salt.

15 12. The polycarbonate resin composition according to claim 7, wherein said nitrogen-containing flame retardant comprises at least one compound selected from the group consisting of a triazine compound, a triazole compound, a tetrazole compound, a phosphazene compound and a diazo compound.

20 25 13. The polycarbonate resin composition according to claim 1, wherein said resin component (A) is a resin mixture of an aromatic polycarbonate and at least one organic polymer resin selected from the group consisting of aromatic vinyl polymers, olefin polymers, poly-

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esters, polyamides, polyphenylene ethers and epoxy polymers.

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